

# BID SOLICITATION



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
CAPITOL HILL  
PROVIDENCE RI 02908

BUYER: LISA HILL  
PHONE #: (401) 222 - 2142 ext. 116

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R**  
E-911 EMERGENCY SYSTEM  
DOA CENTRAL BUSINESS OFFICE  
ONE CAPITOL HILL, 4TH FLOOR  
SMITH ST  
PROVIDENCE RI 02908

**BID NUMBER: B06037**  
**TITLE: WORK STATIONS-ALT. E-911 SITE**  
**BID OPENING DATE AND TIME:**  
**03/07/2006 2:00 PM**

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E-911 EMERGENCY SYSTEM  
DOA CENTRAL BUSINESS OFFICE  
ADMINISTRATIVE SERVICES  
ONE CAPITOL HILL, 4TH FLOOR  
SMITH ST  
PROVIDENCE RI 02908

Requisition Number(s): R17A068017

Item	Class-Item	Quantity	Unit	Unit Price	Total
	<p>BIDDER IS REQUIRED TO PROVIDE A BID SURETY IN THE FORM OF A BID BOND, OR A CERTIFIED CHECK PAYABLE TO THE STATE OF RHODE ISLAND, IN THE AMOUNT OF A SUM NOT LESS THAN FIVE PERCENT (5%) OF THE BID PRICE. BID SURETY MUST BE ATTACHED TO THE BID FORM. THE SUCCESSFUL BIDDER WILL ALSO BE REQUIRED TO FURNISH PERFORMANCE AND LABOR AND PAYMENT BONDS AT TIME OF TENTATIVE CONTRACT AWARD.</p>				

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer. When delivering offers in person to One Capitol Hill, vendors are advised to allow at least one hour additional time for clearance through security checkpoints.

DELIVERY: \_\_\_\_\_

RIVIP VENDOR ID#: \_\_\_\_\_

TERMS OF PAYMENT: \_\_\_\_\_

**DO NOT SIGN BID ON THIS PAGE!**  
**USE CERTIFICATION COVER FORM.**

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Page 2 of 3  
Printed: 2/13/2006



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Item	Class-Item	Quantity	Unit	Unit Price	Total
	<p>BIDDERS ARE ADVISED THAT ALL PROVISIONS OF TITLE 37 CHAPTER 13 OF THE GENERAL LAWS OF RHODE ISLAND APPLY TO THE WORK COVERED BY THIS REQUEST, AND THAT PAYMENT OF THE GENERAL PREVAILING RATE OF PER DIEM WAGES AND THE GENERAL PREVAILING RATE FOR REGULAR, OVERTIME, AND OTHER WORKING CONDITIONS EXISTING IN THE LOCALITY FOR EACH CRAFT, MECHANIC, TEAMSTER, OR TYPE OF WORKMAN NEEDED TO EXECUTE THIS WORK IS A REQUIREMENT FOR BOTH CONTRACTORS AND SUBCONTRACTORS. THE PREVAILING WAGE TABLE MAY BE OBTAINED AT THE RI DIVISION OF PURCHASES HOME PAGE BY INTERNET at <a href="http://www.purchasing.state.ri.us">www.purchasing.state.ri.us</a>. SELECT "INFORMATION" AND THEN SELECT "PREVAILING WAGE TABLE". THE STATE OF RHODE ISLAND USES THE GENERAL DECISION NUMBER RI20030001. PRINTING THE ENTIRE DOCUMENT AVERAGES APPROXIMATELY ONE MINUTE PER PAGE - YOU MAY WANT TO PRINT ONLY THE PAGES APPLICABLE TO YOUR BID. BIDDERS NOTE: IN THE EVENT THIS BID SPECIFIES PRICE OFFERS ON A TIME-AND-MATERIALS BASIS, i.e., AN HOURLY RATE, ANY OR ALL BIDS SUBMITTED IN AN AMOUNT LESS THAN THE PREVAILING RATE IN EFFECT FOR THE WORK COVERED BY THIS REQUEST AS OF THE DATE OF BID ISSUANCE SHALL BE REJECTED BY THE DIVISION OF PURCHASES.</p>				

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Requisition Number(s): R17A068017

Item	Class-Item	Quantity	Unit	Unit Price	Total
1.0	425-94 WORKSTATIONS FOR ALTERNATE PSAP TO BE LOCATED AT ONE CAPITOL HILL, IN THE DOA BUILDING TRAINING ROOM A PER ATTACHED SPECIFICATIONS.  BIDDERS PRODUCTS MUST MEET ALL OF THE REQUIREMENTS SPECIFIED IN THE ATTACHED DOCUMENTATION.	14.00	EA		
				<b>TOTAL:</b>	

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer. When delivering offers in person to One Capitol Hill, vendors are advised to allow at least one hour additional time for clearance through security checkpoints.

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TERMS OF PAYMENT: \_\_\_\_\_

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**RHODE ISLAND UNIFORM EMERGENCY TELEPHONE  
SYSTEM DIVISION**

**DEPARTMENT OF ADMINISTRATION**

**STATE OF RHODE ISLAND AND PROVIDENCE  
PLANTATIONS**

***On – Site RI E 9-1-1 Telecommunicator Workstations***

***BID REQUEST***

FEBRUARY 2, 2006

## **GENERAL INFORMATION**

### **General Overview**

#### **Mission Statement of RI E 9-1-1**

To serve as the communications link between the public and public safety agencies for all emergency 9-1-1 calls made within the State of Rhode Island.

#### **Vision Statement of RI E 9-1-1**

It is the vision and expectation of RI E 9-1-1 to exceed all standards of excellence in public safety by providing state of the art 9-1-1 services to every person in the State of Rhode Island. In doing so RI E 9-1-1 envisions a day when everyone in this State understands and relies on RI E 9-1-1 by realizing that once they dial the numbers 9-1-1, emergency assistance will quickly follow; further promoting the ideal of "One Nation – One Number".

#### **Goals/ Objectives of RI E 9-1-1**

- A. Provide fast, efficient and professional emergency call answering capabilities to everyone within the State of Rhode Island.
- B. Ensure public awareness, confidence and education to the RI Enhanced 9-1-1 system.
- C. To effectively train all telecommunicators ensuring that all 9-1-1 qualifications and assurance standards are met and exceeded.
- D. Assist all Rhode Island cities, towns and municipalities with street addressing and the creation of the MSAG (Master Street Addressing Guide).
- E. Support map functionality to all 9-1-1 positions within the Primary Safety Answering Point (PSAP) and support the same GIS capabilities to the dispatch centers within the state.
- F. Comply with FCC mandate 94-102 Phase II requiring functionality and ability to locate wireless callers within the recommended accuracy standards.
- G. Enable Remote Automatic Number Identification (ANI) and Automatic Location Identification (ALI) to be transmitted to all dispatch centers within the state via TCP/IP utilizing the state wide 9-1-1 Public Safety frame relay.
- H. Design and engineer an alternate PSAP and another primary PSAP to accommodate the public safety of the citizens of the State of Rhode Island and growth in the number of access lines (wireline and wireless) within the state of Rhode Island.
- I. Assure system survivability by locating a disaster recovery facility functioning from a separate central telephone office in the event of a major system failure.
- J. Design and engineer Voice I/P solution that provides the utmost functionality with the least cost to the State of Rhode Island.

### **Description of Initiative**

This Bid encompasses the purchase (including product warrantee as herein required), delivery and installation (at the RI E 9-1-1 Alternate Temporary PSAP, located in Training Room "A" in the Department of Administration Building, One Capitol Hill, Providence, RI 02903) of fourteen (14) Telecommunicator Workstations, as specified herein.

Our Temporary Alternate PSAP is designed to ensure the survival of the RI Enhanced 9-1-1 system in the event of a major systems failure or catastrophe. This facility will meet all the current goals and objectives of RI E 9-1-1 (as above referenced) and maintain adaptability to meet future needs. In addition this facility will afford RI E 9-1-1 the opportunity to accommodate future growth to handle an increased call volume as the industry evolves and the State of Rhode Island continues to grow.

### **Current Environment**

The operations center and [primary] PSAP located within our North Providence facility (at 1951 Smith Street) provides a practical application of all public safety aspects within RI E 9-1-1. Utilizing computer telephony technology, telecommunicators relay public safety information to local police, fire, and medical agencies, government agencies, language lines, poison control center(s), and all other applicable agencies to best serve the public safety and emergency needs of the citizens of the State of Rhode Island. All wireless and wireline Emergency 9-1-1 calls within the State of Rhode Island are routed through this operation center (PSAP) and then transferred to the appropriate public safety agency. The RI E 9-1-1 PSAP receives more than 1500 calls per day on average (last year RI E 9-1-1 transferred over 697,000 calls).

Computers are interconnected via a local area network (LAN) running a specially designed 9-1-1 application known as Sentinel (by CML.) on a Windows 2000 platform. The topology complies with IEEE specification 802.3, 10/100 BaseT. Cabling and connectors are level 5 compliant. The computers communicate with the (CML ECS-1000 and microData WALI) Modular Automatic Number Identification (ANI)/Automatic Location Identification (ALI) Retrieval System via a proprietary Emergency Local Area Network (ELAN). Presently, there are fourteen computer-telephony positions (in the primary PSAP and another fourteen are projected [by way of this Bid] for the alternate PSAP). All our present Workstations utilize Dell computers and include an Intel processor.

## **SCOPE OF SERVICE AND PRODUCT REQUIREMENTS**

The Vendor awarded a contract to provide Workstations as specified in this Bid will be responsible for working in partnership with RI E 9-1-1's technical and non-technical staff, personnel, agents and servants to ensure and guarantee compliance with all the terms, conditions and requirements as contained within this Bid and ensuing contract.

RI E 9-1-1 requires that the Workstations must be designed and manufactured for heavy-duty and 24 X 7 X 365 use.

RI E 9-1-1 requires that the Vendor's technicians (pursuant to question number 3, below) must be knowledgeable, trained and qualified (in accordance with all industry and manufacturer standards and specifications) to maintain, install and/or service the Workstations.

RI E 9-1-1 requires that every Workstation must be fully designed, manufactured, constructed and installed for ergonomics and to be "user friendly" in a dispatching environment that operates 24 X 7 X 365.

## **BID INSTRUCTIONS**

### **Purpose**

The Rhode Island Uniform Emergency Telephone System Division of the Department of Administration, State of Rhode Island and Providence Plantations (hereinafter RI E 9-1-1) is hereby issuing this Bid and soliciting Vendors that are qualified to provide fourteen (14) RI E 9-1-1 Telecommunicators Workstations (hereinafter Workstations) including but not limited to delivery and installation of the same as identified and detailed herein.

This Bid will encompass a statewide Alternate Enhanced 9-1-1 system (hereinafter Alternate PSAP) that is to be located initially (on a temporary basis) in the Department of Administration Building, Training Room "A", One Capitol Hill, Providence, Rhode Island (hereinafter Temporary Alternate PSAP) and thereafter to be permanently located in "A" Wing of the Varley Building, in the John O. Pastore Complex, 600 New London Avenue, Cranston, Rhode Island (unless another location is identified by RI E 9-1-1 at a later date).

The size, location, access and configuration of the proposed PSAP in Training Room "A" (for purposes of the installation of the Workstations) is as follows: Training Room "A" (hereafter TR "A") is located in the basement (finished) of the Department of Administration Building. TR "A" is accessible by stairway and by elevator. TR "A" is

Specifications for PSAP Workstations for E-911 Alternate Location  
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rectangular in design and measures approximately twenty-eight (28) feet deep and thirty-six (36) feet wide. A standard three (3) foot wide door is located at the right corner (on the 36' side) of the room. For a further identified and detailed PSAP design and layout please see Exhibit A, which is attached hereto.

RI E 9-1-1 provided services include but are not limited to the answering, processing and transferring of emergency 9-1-1 calls received by either the primary or alternate PSAP to the secondary (local) police, fire or medical in-state responders as well as any bordering states responding agencies or departments.

The State Purchasing Agent expressly reserves the right at his sole discretion to withdraw this Bid at any time prior to issuance and execution of the Bid contract(s) (hereinafter contract).

The State Purchasing Agent will apply the following criteria in determining at his sole and exclusive discretion what Vendor (if any) is awarded a contract.

**ALL BIDS REQUIRE FULL COMPLIANCE WITH THE ENCLOSED SPECIFICATIONS.**

**BID REQUIREMENT COMPLIANCE IS TO BE DETERMINED SOLELY AND EXCLUSIVELY BY THE STATE PURCHASING AGENT.**

A Vendor's Bid will **not be considered** (and the Vendor will be disqualified) if the Bid does not **FULLY** comply with the **stated requirements** as identified in this Bids referenced sections and sub-sections.

The Vendor that is awarded this contract is responsible for the installation (as referenced in this Bid) of the fourteen (14) Workstations. The wiring and/or cabling of each Workstation (for electrical, telephony, data and the like) is considered (by RI E 9-1-1) to be part of the installation process and is therefore the responsibility of the successful Bidder. RI E 9-1-1 will be responsible for bringing the required electrical, telephony, data and any other required cabling into TR "A" and to the beginning of each row of Workstations as referenced in Exhibit A. The successful Bidder is **not** responsible for the procurement, delivery and/or installation of the Exacom and CDR areas, the file area, the Inter-City Radio area, Workstation computers or monitors and the storage area or the chairs as delineated within Exhibit A.

If any responding Bidder has a suggestion or proposal for a different configuration (in addition to the RI E 9-1-1 stated configuration as identified in Exhibit A) of the fourteen (14) Workstations, RI E 9-1-1 welcomes the Bidder to submit the same as an attachment to their Bid. The Vendor's primary Bid proposal price and installation **must** represent the configuration and design of the PSAP as indicated within Exhibit A.

If a different proposal (as hereinabove referenced) is submitted, the proposal must be clearly labeled and identified as "**Alternative/Proposed PSAP Design Layout**" and must include the relevant pricing data as requested in the body of this solicitation.



### **Project Start Work Date/ Contract Term/ Delivery Schedule**

All fourteen (14) Workstations must be delivered to the RI E 9-1-1 Alternate Temporary PSAP (located in Training Room "A" of the Department of Administration Building) by no later than five (5) weeks after this contract is awarded to the successful bidder. Upon delivery of the Workstations, the successful bidder is to begin the installation of the same, forthwith, and to continue the installation (during normal business hours) until the installation and testing of the same is complete.

### **Anticipated Schedule of Events**

<i>EVENTS</i>	<b>DATE</b>	<b>TIME</b>
RFP released to interested Vendors	2/06/06	4:00 P.M.
Vendor Inquiry Period Begins	2/06/06	4:00 P.M.
Pre-proposal Vendor conference (in Training Room "A")	2/21/06	10:00 A.M.
Vendor inquiry period ends (Final inquiries due)	2/24/06	4:00 P.M.
Final state responses to Vendor Inquiries	2/28/06	4:00 P.M.
Final date for Bid submission	3/07/06	2:00 P.M.
Tentative Award to Vendor	3/10/06	4:00 P.M.

The above referenced dates and times are only approximate and are subject to change by the sole and exclusive determination of the State Purchasing Agent.

### **Definition of Terms**

**Alternate PSAP** – A PSAP (temporary or permanent) designated to receive RI E 9-1-1 calls in conjunction with, or when the primary PSAP is unable to do so.

**Alternate Routing** – The capability of routing RI E 9-1-1 calls to a designated alternate location(s) if all 9-1-1 trunks to a primary PSAP are busy or put out of service. This may be activated upon request of RI E 9-1-1 or automatically when 9-1-1 equipment fails or the PSAP itself is disabled or rendered inoperable.

**ALI (Automatic Location Identification)** – The automatic display at the PSAP of the caller's telephone number, the address/location of the telephone and supplementary emergency services information.

**ANI (Automatic Number Identification)** – The telephone number associated with the access line from which a 9-1-1 call originates.

**ANI/ALI Controller** – A stand-alone CPE component that provides the ANI decoding and function key control for 9-1-1 service.

**DITM** – means the Division of Information Technology Management.

**NENA (National Emergency Number Association)** – The National Emergency Number Association is a non-profit corporation established in 1982 to further the goal of “One Nation-One Number.” NENA is a networking source and promotes research, planning and training. NENA strives to educate, set standards and provide certification programs, legislative representation and technical assistance for implementing and managing 9-1-1 systems.

**PSAP** The RI E 9-1-1 Public Safety Answering Point

**RI E 9-1-1** – The State of Rhode Island Enhanced 9-1-1 Emergency Telephone System Division

**Normal Business Hours** – 8:00 AM to 4:00 PM EST Monday through Friday, excluding State of Rhode Island Holidays. State Holidays include but are not limited to: New Years Day, Martin Luther King Day, Memorial Day, July 4<sup>th</sup>, Labor Day, Veterans Day, Thanksgiving Day and Christmas Day. Specific dates of state holidays will be provided upon request.

**Telecommunicator** – A person trained and employed by RI E 9-1-1 to transfer a 9-1-1 emergency call (received in our permanent or alternate PSAP) to the appropriate secondary (local) fire, police or medical service responder.

**Workstation** – A platform located within the RI E 9-1-1 permanent or alternate PSAP at which the telecommunicator stands or sits and processes and transfers 9-1-1 emergency calls.

**Vendor** – A person, corporation, partnership, LLC, LLP, business or legal entity or the like that is intending to or considering the submission of a proposal relative to this bid.

## **Instructions**

Every Vendor shall provide a response to each of the following questions. A response (stating “we comply” or “we do not comply”) is required for each question posed (please place an “x” in the appropriate response).

## Requirements

*Unless specifically stated otherwise, RI E 9-1-1 will be responsible for providing the required data, Internet, telephone and electric cabling to the beginning of each row of Workstations.*

- 1) RI E 9-1-1 requires that the responding Vendor **must** be engaged, continuously and without interruption, in the 9-1-1 public safety business for a period of the last five (5) years or more.

We comply \_\_\_\_\_

We do **not** comply \_\_\_\_\_

- 2) RI E 9-1-1 requires that your company **must** be engaged , continuously and without interruption, in selling, installing, servicing and maintaining your Workstations and hardware (in a 9-1-1 environment) for a period of the last five (5) years or more.

We comply \_\_\_\_\_

We do **not** comply \_\_\_\_\_

- 3) RI E 9-1-1 requires that your company **must** have service and maintenance technicians (personnel) available for the initial installation and to perform warranty required repairs, improvements or hardware updates (on-site at either the Permanent or Temporary Alternate PSAP as the case may be) during normal business hours.

We comply \_\_\_\_\_

We do **not** comply \_\_\_\_\_

- 4) RI E 9-1-1 requires that the technicians referenced in question number 3, directly above, **must** be certified ( to perform the initial installation and warranty repairs) by the Vendor that is awarded this contract and **must** be trained, knowledgeable and proficient with **all** aspects of the Vendors Workstation as referenced within this Bid.

We comply \_\_\_\_\_

We do **not** comply \_\_\_\_\_

Specifications for PSAP Workstations for E-911 Alternate Location  
State of Rhode Island Bid# B06037

- 5) RI E 9-1-1 requires that every Vendor responding to this Bid must have supplied, installed and warranty serviced their Workstations in at least five (5) emergency 9-1-1 PSAP's within the last three (3) years.

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 6) Are you presently involved in, (as a plaintiff, defendant or third party) or have you within the last five years been involved in any lawsuit, dispute or arbitration proceeding of any kind relative to any aspect of your sale, delivery, installation or warranty repair of any of your Workstations?

Yes \_\_\_\_\_

No \_\_\_\_\_

- 7) Please identify all parties responsible for the information contained within this Bid proposal. Please specifically identify the all persons including their business address, title, description of job duties, telephone number, fax number and e-mail address.

Name \_\_\_\_\_

Address \_\_\_\_\_

Title \_\_\_\_\_

Job Duties \_\_\_\_\_

Phone number \_\_\_\_\_

Fax number \_\_\_\_\_

E-mail \_\_\_\_\_

- 8) Will the person identified in the previous question have the Vendor's binding legal authority to negotiate, modify, finalize and execute the contract?

Yes \_\_\_\_\_

NO \_\_\_\_\_

(if "NO" please provide the following information)

Name \_\_\_\_\_

Address \_\_\_\_\_

Specifications for PSAP Workstations for E-911 Alternate Location  
State of Rhode Island Bid# B06037

Title \_\_\_\_\_  
Phone number \_\_\_\_\_  
Fax number \_\_\_\_\_  
E-mail \_\_\_\_\_

- 9) Will the person identified in either of the prior two (2) questions have on-going and continuous responsibility and binding authority (in the same degree that they presently have) to oversee, enforce and implement all the terms and conditions of the contract? If not please specifically identify the person who will and the degree of responsibility and/or authority that they will have.

Yes \_\_\_\_\_ No \_\_\_\_\_

(if "NO" please provide the following information)

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Title \_\_\_\_\_  
Phone number \_\_\_\_\_  
Fax number \_\_\_\_\_  
E-mail \_\_\_\_\_  
Degree of Responsibility (in percentage please [%]) \_\_\_\_\_

- 10) Please provide the following:

- (a) The complete legal name, business address and headquarters (if different than the business address) of the Vendor. (If more space is needed, please continue on an additional page.)

Name \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_  
Headquarters \_\_\_\_\_  
\_\_\_\_\_

- (b) Any and all registered names, fictitious business names, trade names or d/b/a(s) that the Vendor is or has been known by or operates (or has operated) under within the last five (5) years. (If more space is needed, please note this on line 3 and continue on an additional page.)

- 1) \_\_\_\_\_  
2) \_\_\_\_\_  
3) \_\_\_\_\_

- (c) Please identify the Vendor's local office (subcontractor's name, if applicable) and location that will install the Workstations and provide any warranty required service. (If more space is needed, please continue on an additional page.)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- (d) Please list all pertinent contact information relative to (c) above, including but not limited to: hours of operation and contact personnel (with office telephone numbers) who have the authority to service and maintain (for warranty purposes) Vendor's Workstations. (If more space is needed, please continue on an additional page.)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- 11) RI E 9-1-1 requires that all warranty repairs must be begun within forty-eight (48) hours or less from the time the Vendor (or Vendor's warranty repair company) is notified by RI E 9-1-1 of the need for a warranty repair, and thereafter the repair must be continuous and ongoing until completed and the Workstation is functioning properly (reasonable additional time will be allowed by RI E 9-1-1 if required repair parts are not available).

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 12) RI E 9-1-1 requires that every Workstation **must** be capable of accommodating four (4) nineteen (19) inch flat screen computer monitors (the monitors will be supplied by RI E 9-1-1).

We comply \_\_\_\_\_

We do **not** comply \_\_\_\_\_

## **SPECIFIC DETAIL REQUIREMENTS**

- 13) All Workstations **must** conform to applicable specifications of ANSI/HFS 100-1988 (American National Standard for Human Factors Engineering of Visual Display Terminal Workstations.”

We comply \_\_\_\_\_

We do **not** comply \_\_\_\_\_

- 14) All Workstations **must** conform to the required industry standards:

- A) ISO 9241 (International Organization for Standardization)
- B) BSA/ANSI 100 (American National Standards Institute)
- C) CSA Z412 (Canada Standards Association)
- D) BIFMA (Business and Institutional Furniture Manufacturer’s Assn)
- E) OSHA (Occupational Safety and Health Administration)

We comply \_\_\_\_\_

We do **not** comply \_\_\_\_\_

- 15) All Workstations **must** conform to the requirements enumerated under the American with Disabilities Act, in particular to the requirements relative to wheelchair access. (If RI E 9-1-1 becomes aware [after purchase] that any present provisions of the Act are not complied with, the Vendor will be responsible for any costs incurred by RI E 9-1-1 to obtain compliance.)

We comply \_\_\_\_\_

We do **not** comply \_\_\_\_\_

- 16) RI E 9-1-1 requires that every Workstation **must** be fully warranted (by the Vendor) for any defects in workmanship, design, manufacture, materials, hardware (included but not limited to switches, motors, contactors, wiring

Specifications for PSAP Workstations for E-911 Alternate Location  
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and the like) both electrical and mechanical for a period of at least three (3) years from the date of purchase and for the life of the Workstation for the acoustic walls (normal wear and tear excepted for the acoustic walls).

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 17) All fourteen (14) Workstations must be designed, configured, manufactured, assembled and installed as rectangular single surface sit-to-stand Workstations.

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 18) All Workstations must measure (outside measures) seventy-two (72) inches wide and thirty-six (36) inches deep.

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 19) Included and installed in every Workstation must be hanging storage for two (2) tower CPU's.

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 20) To reduce the incidence of repetitive stress injuries and/or strain from reaching and stretching by a telecommunicator, each Workstation must provide a single surface with continuous (motorized and switch and/or push button controlled) vertical adjustment.

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 21) Every Workstation's surface must be equipped with a separate keyboard platform with adjustable (motorized and switch and/or push button controlled) tilt.

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 22) Every Workstation's nineteen (19) inch flat screen monitors (which will



Specifications for PSAP Workstations for E-911 Alternate Location  
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be provided by RI E 9-1-1) must have the worktop space that is necessary to allow the monitors to be free standing and to allow for both pan and tilt and to allow individual telecommunicators to easily change monitor positions during their shift.

We comply \_\_\_\_\_ We do **not** comply \_\_\_\_\_

- 23) Every Workstation **must** be constructed out of "first-class" materials. All Workstation materials **must** be unused and new. No materials are to be used in the design, construction, manufacture or installation of any Workstation that are classified as a "second", blemished, have any known and/or visible imperfections or are used or inferior in any manner.

We comply \_\_\_\_\_ We do **not** comply \_\_\_\_\_

- 24) Every Workstation **must** be designed, manufactured, constructed and built to provide a service life of at least ten (10) years or more in a Public Safety Communications Center environment.

We comply \_\_\_\_\_ We do **not** comply \_\_\_\_\_

- 25) Every Workstation's horizontal surface area **must** be completely covered with a high pressure, matte finished laminate in a color to be chosen by RI E 9-1-1 from samples provided by the Vendor.

We comply \_\_\_\_\_ We do **not** comply \_\_\_\_\_

- 26) Every Workstation's edge **must** be protected from damage by a durable plastic or fiberglass (or equivalent) material that is at least one-quarter (1/4) inch in thickness and that can be easily removed and replaced for service in-the-field.

We comply \_\_\_\_\_ We do **not** comply \_\_\_\_\_

- 27) Every Workstation **must** have a laminated covering on all underside surfaces to prevent moisture absorption and warping.

We comply \_\_\_\_\_ We do **not** comply \_\_\_\_\_

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- 28) Every Workstation must have cable and/or data access holes provided at an interval that is no more than twenty-four (24) inches apart (center to center) and located near or around the rear top of the writing surface. (Access hole locations and sizes are to be provided to the successful bidder by RI E 9-1-1.)

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 29) Each Workstation must have a surface thickness of at least one and one-eighth (1 1/8) inches. If particleboard is used it must meet or exceed the HUD formaldehyde emission standard 24 CFR Part 3280.308.

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 30) Specially processed Formica or Wilsonart (or equivalent) laminates bonded to treated particleboard and compliant (to the requirement as contained in the second sentence of question number 29 above) must form a static dissipative surface (over the primary and keyboard platforms) that can be grounded to the Workstation frame.

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 31) Every Workstation must have a motorized lift (and all accompanying hardware) that is designed, manufactured, constructed and installed to have a vertical lift (and lowering) minimum capacity of at least four hundred and fifty (450 lbs) pounds.

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 32) Every Workstation must have a vertical range of lift and lowering from at least a minimum height of twenty-three (23) inches (as measured from the floor) and a maximum height of at least fifty-one (51) inches (as measured from the floor).

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 33) Every Workstation must have a vertical lifting speed of at least one and a half (1-1/2) inches per second. The lift mechanism must be controlled by a momentary switch (or equivalent) that must be easily

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accessible and activated by the telecommunicator.

We comply \_\_\_\_\_

We do **not** comply \_\_\_\_\_

- 34) Every Workstation's surface **must** be supported by a welded steel frame of at least one (1) inch X two (2) inch steel tubing (or equivalent). The steel frame **must** attach to the lifting modules and the CPU hangers to provide additional support and a level ground plane.

We comply \_\_\_\_\_

We do **not** comply \_\_\_\_\_

- 35) Every Workstation's keyboard platform **must** be separate from the primary platform and attached with a heavy-duty adjustable arm(s).

We comply \_\_\_\_\_

We do **not** comply \_\_\_\_\_

- 36) The keyboard surface **must** be motorized and easily controlled by the telecommunicator by a momentary switch (or equivalent) and **must** have at least nineteen (19) inches of continuous vertical adjustment and must provide for at least fifteen (15) degrees positive and fifteen (15) degrees of negative tilt.

We comply \_\_\_\_\_

We do **not** comply \_\_\_\_\_

- 37) Every Workstation's keyboard platform must be at least thirty (30) inches wide and at least ten (10) inches deep and must be capable of supporting and accommodating a QWERTY (or the equivalent) keyboard and a mouse pad or track ball (or the equivalent) and have a weight and lift capacity of at least one hundred and fifty (150) pounds.

We comply \_\_\_\_\_

We do **not** comply \_\_\_\_\_

- 38) Each Workstation **must** be designed, manufactured, constructed and installed with cable management provisions (for data, Internet,

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telephony and electric cables [and the like]). Cable management must consist of a fixed three (3) inch square conduit (or equivalent) terminating (at a point to be determined by RI E 9-1-1) above the floor (with provisions to be joined to other Workstations to form a line of three (3) or four (4) contiguous Workstations). The above referenced conduit must be provisioned with an "energy chain" between the conduit and all moving surfaces.

We comply \_\_\_\_\_ We do not comply \_\_\_\_\_

- 39) Cable management (on the Workstation's lower surfaces) must consist of plastic or steel (or the equivalent) with a "J" shaped (or equivalent) design and a minimum cross section of one (1) inch X three (3) inches.

We comply \_\_\_\_\_ We do not comply \_\_\_\_\_

- 40) Every Workstation must be designed, constructed and manufactured using stackable, segmented wall panels configured from open frames (or the equivalent) with bottom raceways and a horizontal mid-line cable manager. All wall segments must be mechanically attached to the frame to form a complete and rigid wall panel. Each segment must be easily accessible and removable for access to the Workstation and the center of each panel.

We comply \_\_\_\_\_ We do not comply \_\_\_\_\_

- 41) Every Workstation's panel frame must be fabricated from a minimum of sixteen (16) gauge steel (or the equivalent), fully welded and finished with a powder coat paint finish. All slotted uprights must support components at one (1) inch centers (or the equivalent).

We comply \_\_\_\_\_ We do not comply \_\_\_\_\_

- 42) Every Workstations panel frames must provide a minimum of a three (3) inch finished thickness and a minimum of a two (2) inch interior cavity. Every Workstation's panel frame must allow for mid-point and bottom-point cable distribution. Every Workstation's finished panel frame must be no less than forty-five (45) inches and

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no more than forty-eight (48) inches in height. The top eight (8) inches of every Workstation's finished panel must consist of glazed, transparent panels or inserts that are easily replaceable, accessible and/or serviceable. All Workstations must have two side panels (a left and right) that is the same height as the rear panel and manufactured the same as the rear panel and manufactured from the same materials as the rear panel.

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 43) Every Workstation's panels must be designed, constructed, manufactured, tested, compliant and in conformity with ANSI-BIFMA X5.5 – 1998 (American National Standard for Office Furnishings – Desk Products).

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 44) Every Workstation's stackable panels must be designed, manufactured, constructed and fabricated in the same manner as the base frames and must be able to stack (and to be stacked) on standard panel frames.

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 45) Every Workstation's panel top cap(s) and connectors must be flush mounted and must be designed, manufactured, constructed and installed to be easily accessible and to be removed without tools (or with just a screwdriver and pliers) to permit easy access to cable management.

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 46) Every Workstation's panel segments must be constructed of steel casings (or the equivalent) and be equipped with spring connectors (or the equivalent) for removal without tools or with a minimum of tools as referenced above in item number 45.

We comply \_\_\_\_\_

We do not comply \_\_\_\_\_

- 47) Every Workstation's panel segment(s) must include fabric over a

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minimum of one-half (1/2) inch compressed fiberglass tackable  
acoustical insert and clear glazed (or the equivalent).

We comply \_\_\_\_\_ We do **not** comply \_\_\_\_\_

- 48) Every Workstation **must** be equipped with a power module that is located on the lift platform, with four (4) grounded outlets (each of which is on a separate circuit). (RI E 9-1-1 will supply **only** the circuit feeds.)

We comply \_\_\_\_\_ We do **not** comply \_\_\_\_\_

- 49) Every Workstation's power module must include an armored cable that is long enough to connect to the buildings electrical power (which will be located in reasonable proximity to the Workstation) and which will form a service loop to the adjustable surface.

We comply \_\_\_\_\_ We do **not** comply \_\_\_\_\_

- 50) Every Workstation's power module **must** be UL listed/CSA certified and labeled, must comply with all existing Rhode Island local and state building and electrical codes and/or requirements and must provide for a minimum of four (4) separate grounded circuits.

We comply \_\_\_\_\_ We do **not** comply \_\_\_\_\_

- 51) Every Workstation must be equipped with a minimum of two (2) power strips that each contain a minimum of five (5) grounded outlets each. (These power strips will be used to supplement the power module.)

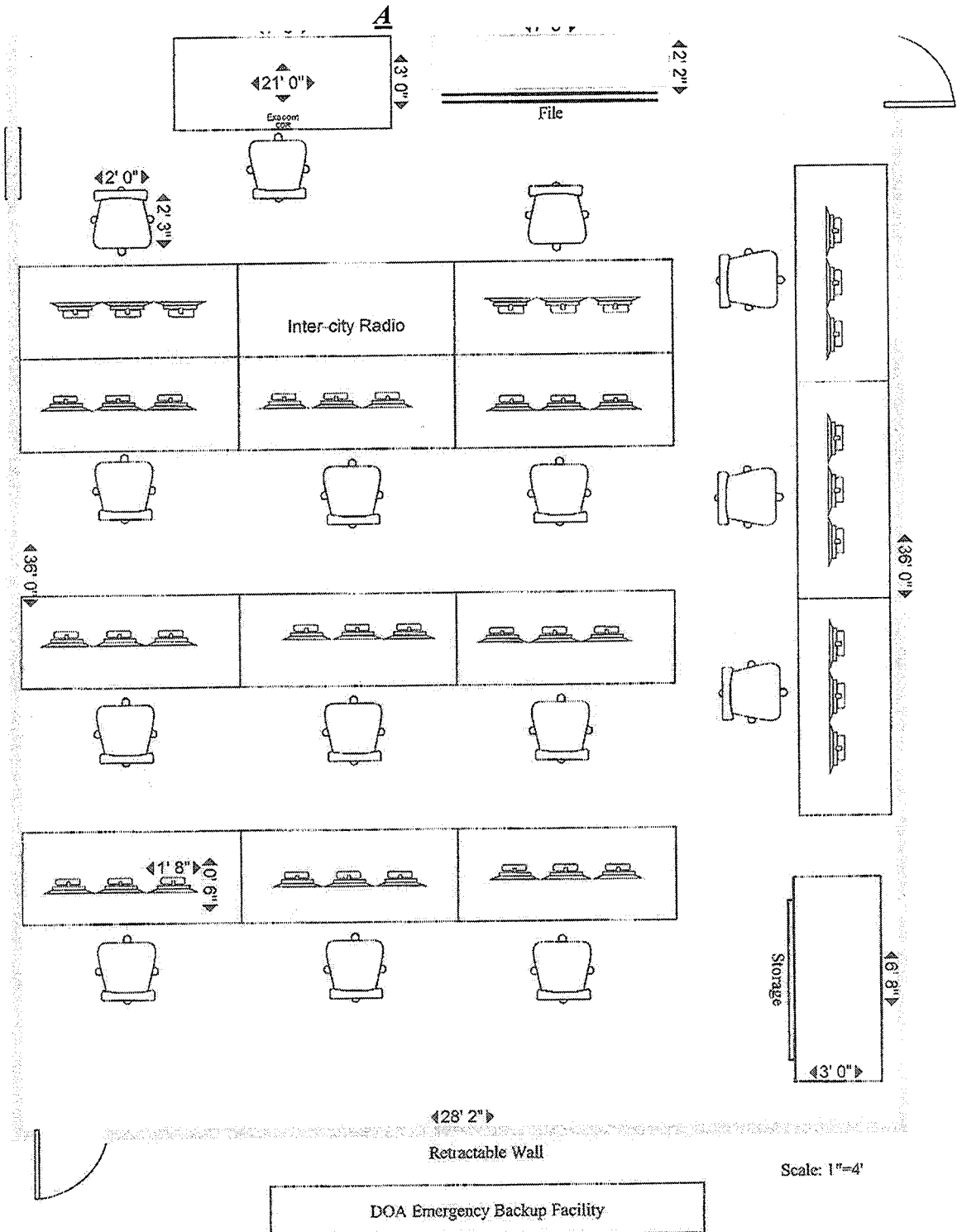
We comply \_\_\_\_\_ We do **not** comply \_\_\_\_\_

- 52) Every Workstation must be designed, manufactured, constructed and installed in conformance and in compliance with all existing Rhode Island local and state building and electrical codes.

We comply \_\_\_\_\_ We do **not** comply \_\_\_\_\_

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**EXHIBIT**



**END OF BID DOCUMENTS**